

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("6241739") or ("6500183").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/11 08:36
S2	27	("2701559"   "2712823"   "2867214"   "2881763"   "2921585"   "3964212"   "4121388"   "4378804"   "4646482"   "4957747"   "5012797"   "5035089"   "5037431"   "5037432"   "5100412"   "5207234"   "5800446"   "5810842"   "5971999"   "6042552"   "6423078").PN. OR ("6500183").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 09:53
S3	32	("2701559"   "2712823"   "2867214"   "2881763"   "2921585"   "3964212"   "4378804"   "4957747"   "5012797"   "5037431"   "5037432"   "5100412"   "5207234"   "5800446"   "5810842"   "5971999"   "6042552").PN. OR ("6241739").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 10:49
S4	63	("0882532"   "1882040"   "1898652"   "2228676"   "2266931"   "2338339"   "2655146"   "2701559"   "2712823"   "2867214"   "2881763"   "2921585"   "3236231"   "3736921"   "3818904"   "3841322"   "3841323"   "3964212"   "4003373"   "4241499"   "4378804"   "4560373"   "4572187"   "4646480"   "4836192"   "4957747"   "5012797"   "5037431"   "5037432"   "5100412"   "5207234"   "5377701"   "5699810"   "5800440"   "5810842"   "5954730"   "5971999"   "6039745"   "6042552"   "6080165"   "6120512"   "6139554"   "6149634"   "6196982"   "6241739"   "6283078"   "6299620"   "6319211"   "6500183"   "6511486").PN. OR ("6695853").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 10:35
S5	354	(606/131).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 11:51
S6	140	(604/313).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/27 11:45
S7	564	\$5dermabrasion\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 16:32

## EAST Search History

S8	2434918	tip or head	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 11:46
S9	41	S7 with S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 12:05
S10	25	microderm adj abrasion	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 12:07
S11	0	S10 with S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 12:07
S12	8	spring and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 12:33
S13	63	("0882532"   "1882040"   "1898652"   "2228676"   "2266931"   "2338339"   "2655146"   "2701559"   "2712823"   "2867214"   "2881763"   "2921585"   "3236231"   "3736921"   "3818904"   "3841322"   "3841323"   "3964212"   "4003373"   "4241499"   "4378804"   "4560373"   "4572187"   "4646480"   "4836192"   "4957747"   "5012797"   "5037431"   "5037432"   "5100412"   "5207234"   "5377701"   "5699810"   "5800440"   "5810842"   "5954730"   "5971999"   "6039745"   "6042552"   "6080165"   "6120512"   "6139554"   "6149634"   "6196982"   "6241739"   "6283078"   "6299620"   "6319211"   "6500183"   "6511486").PN. OR ("6695853").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 14:32
S14	24363	exfoliat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 15:20
S15	476178	skin or epidermis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 15:20

## EAST Search History

S16	3543	S14 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 15:26
S17	1874	S14 with S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 15:27
S18	4344055	suction or remov\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 15:27
S19	1273	S17 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 15:31
S20	359	S17 with S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 15:32
S21	168477	remov\$5 with S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 17:09
S22	96	S7 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 17:10
S23	2435866	tip or head	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 10:50
S24	3789981	remov\$5 or dispos\$5 with S23	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 10:51
S25	565	\$5dermabrasion\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 10:51
S26	25	microderm adj abrasion	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 10:51
S27	484	S25 or S26	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 10:52
S28	453	S27 and S24	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 11:44

## EAST Search History

S29	62524	elastic\$5 with support\$2	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 11:46
S30	5	S27 near S23	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 11:48
S31	1	S30 same S29	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 11:47
S32	8075	abrasion with S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 11:53
S33	1391	S32 and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 11:54
S34	68	S32 same spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 11:55
S35	112	(433/142).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 14:57
S36	1	("5707383").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/28 15:22
S37	1105	(604/289,290,303,542,902).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 16:29
S38	2029	(606/128,159,107).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 15:59
S39	3118	S37 or S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 16:00
S40	510446	suction or aspiration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 16:04
S41	148608	spring with S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 16:06
S42	1300	S40 with S41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 16:12

## EAST Search History

S43	5	S42 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 16:08
S44	1	S42 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 16:10
S45	44570	S40 with S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 16:30
S46	148608	spring with S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 16:31
S47	16135	floating with S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 16:32
S48	162325	S46 or S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 16:33
S49	27	S46 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 16:45
S50	166	S46 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 16:45
S52	676	604/117,119.ccis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 15:47
S53	2437573	tip or head	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 15:47
S54	474570	spring and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 15:48

## EAST Search History

S55	510793	suction or aspiration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 15:48
S56	460	S55 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:24
S57	302	S56 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:04
S58	2437573	tip or head	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 16:05
S59	16521	abrasi\$2 with S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:06
S60	105	S59 with S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:06
S61	22	S60 and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:06
S62	0	S61 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:07
S63	1	S56 and abrasive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:09

## EAST Search History

S64	3	S56 and abrasi\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:10
S65	6288218	multiple or numerous or plurality or many	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:24
S66	15755	S55 adj hole\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:25
S67	2284	S65 with S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:25
S68	1	S59 with S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:26
S69	2	S59 same S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:26
S70	5	S59 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:26
S71	354	(606/131).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/03 16:33
S72	566	\$5dermabrasion\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 16:33

## EAST Search History

S73	90	S72 and S71	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 16:33
S74	510960	suction or aspiration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 09:13
S81	5775381	hole\$1 or opening\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 09:19
S82	31355	S74 adj S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 09:20
S83	1697	S75 adj S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 09:21
S84	4	S83 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 09:22
S85	8	S83 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 09:25
S86	1	S83 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 09:30
S87	1	S83 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 09:30

## EAST Search History

S88	3	S83 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 09:30
S89	423	S83 and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 10:25
S90	63	S82 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 10:25
S91	48	S82 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 10:25
S92	35	S82 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 10:25
S93	4	S82 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 10:25
S94	18	S82 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 12:01
S95	2	Chung-Tae-Jun.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 12:04
S96	1	("6500183").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/11 12:40